

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001736

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 G01N 21/84 G01N 33/49 C12Q 1/06**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G01N 21/00, 21/84, G01N 33/00, 33/49, C12Q 1/00, 1/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5428451 A (DIATEC INSTRUMENTS A/S) 27 Jun 1995 see abstract; figure 1; column 1, line 59 - column 2, line 50; column 5, lines 9-23 see column 5, lines 43-62	1, 4-7, 10-12, 15, 16 2, 3, 8, 9, 13, 14
Y	US 5976892 A (BIOCOM, S. A.) 2 Nov. 1999 see abstract; figure 1; column 4, lines 37 - 56	1-16
A	KR 2001-0031949 A (KOWA K. K.) 16 Apr. 2001 see the whole document	1-16
A	KR 2001-0017092 A (Kim, Panku and Kim, Kyungsoo) 5 Mar. 2001 see the whole document	1-16
A	US 5366867 A (NIHON MILLIPORE KOGYO) 22 Nov. 1994 see the whole document	1-16
A	WO 2000-39329 A1 (SAPPORO BREWERIES LTD.) 6 Jul. 2000 see the whole document	1-16

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search  
28 OCTOBER 2004 (28.10.2004)

Date of mailing of the international search report

**29 OCTOBER 2004 (29.10.2004)**Name and mailing address of the ISA/KR  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/001736

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5428451 A	27.06.1995	CA 2071838 A AU 6757990 A1 DE 69007118 CO EP 504185 A1 JP 5501609 T2	08.06.1991 18.07.1991 07.04.1994 23.09.1992 25.03.1993
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